

Date: Mon, 15 Nov 93 20:43:06 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1352
To: Info-Hams

Info-Hams Digest Mon, 15 Nov 93 Volume 93 : Issue 1352

Today's Topics:

A/D for DSP
Elmers are dead, god help us HAMS!
FT727 Schematic
Guide to the Personal Radio Newsgroups
ORBS\$316.2L.AMSAT
RS FREQ COUNTER HOLD MOD!!!!!!!!!!
SAREX Keps & Update 10/28
STUCK KEY -- turn it off?
Telescoping antenna on HT
The firestorm

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 15 Nov 93 23:18:01 GMT
From: news-mail-gateway@ucsd.edu
Subject: A/D for DSP
To: info-hams@ucsd.edu

Text item: Text_1

In the Nov QST, page 79, some specs are given for the TRFT-550
Backpacker II transceiver. The blocking dynamic range is 100 db
and the two-tone intermod distortion dynamic range is 81 db. Is
this enough information to answer the following question?

If one were trying to do some state-of-the-art Digital Signal

Processing on the audio from this direct-conversion receiver, how many bits of A/D would one need?

Thanks and 73, Cecil, kg7bk@indirect.com (I do not speak for Intel)

Date: Mon, 15 Nov 1993 04:37:27 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!sol.ctr.columbia.edu!
news.kei.com!ub!csn!hellgate.utah.edu!math.utah.edu!cosmic.physics.utah.edu!
levin@network.ucsd.edu
Subject: Elmers are dead, god help us HAMS!
To: info-hams@ucsd.edu

Hi,

I have received several responses to my earlier post and feel that I need to correct and clarify a few points.

First, I apologise for the old farts comments. Just as not all of us new hams are ignorant, not all older hams are old farts.

I do apologise for this. I had ment to make the point that new hams seem to be looked down on by the ham community as a whole.

Second, several people have commented on my tech license plus transmission on HF bands. I have NOT done this except in the company of a HAM with the appropriate license. This was also ment to make a point however in the heat of the moment I seem to have mis-quoted myself. I have the utmost respect for the rules of amature radio and would never intentionally violate them.

Most of your responses have been very positive, thanks for all the replies and I look forward to discussing this issue in more detail. I don't believe in complaining about a problem without working towards a solution. I hope that all of us in this news group can work together and make this aspect of the hobby as informative and fun as possible. The internet is a powerful medium for the exchange of ideas. I would hope that in this group we can use it this way and not turn it into a huge international flame war. I Look forward to hearing from everyone out there in internet land.

Chris Levin (KB7Y0U)
levin@cosmic.physics.utah.edu

Date: 16 Nov 93 02:54:24 GMT
From: news-mail-gateway@ucsd.edu
Subject: FT727 Schematic
To: info-hams@ucsd.edu

I am in search of a schematic for a YAESU FT727. Please mail me directly if you can help. Thank you for your help in advance.

Name: Lesa Skipper
Call: KB5GMW
Land Line: 405-524-9222
Internet: Lesa@Regentdb.osrhe.edu

Date: Mon, 15 Nov 1993 12:00:25 GMT
From: nevada.edu!news.unomaha.edu!news@uunet.uu.net
Subject: Guide to the Personal Radio Newsgroups
To: info-hams@ucsd.edu

Posted-By: auto-faq 2.4
Archive-name: radio/personal-intro
Revision: 1.5 09/18/93 16:49:31
Changes: new mailing lists, .packet rmgroup, and .policy updates

(Note: The following is reprinted with the permission of the author.)

This message describes the rec.radio.amateur.*, rec.radio.cb, rec.radio.info, and rec.radio.swap newsgroups. It is intended to serve as a guide for the new reader on what to find where. Questions and comments may be directed to the author, Jay Maynard, K5ZC, by Internet electronic mail at jmaynard@oac.hsc.uth.tmc.edu. This message was last changed on 18 September 1993 to add the mailing lists for the new rec.radio.amateur newsgroups, to note the rmgroup of rec.radio.amateur.packet, and to officially retire some (in)famous threads of discussion on rec.radio.amateur.policy.

History
=====

Way back when, before there was a Usenet, the Internet hosted a mailing list for hams, called (appropriately enough) INFO-HAMS. Ham radio discussions were held on the mailing list, and sent to the mailboxes of those who had signed up for it. When the Usenet software was created, and net news as we

now know it was developed, a newsgroup was created for hams: net.ham-radio. The mailing list and the newsgroup were gatewayed together, eventually.

As the net grew, and as packet radio came into vogue, packet discussion began to dominate other topics in the group and on the list. This resulted in the logical solution: a group was created to hold the packet discussion, and another corresponding mailing list was created as well: net.ham-radio.packet and PACKET-RADIO, respectively.

These two groups served for several years, and went through Usenet's Great Renaming essentially unchanged, moving from net.ham-radio[.packet] to rec.ham-radio[.packet]. Readership and volume grew with the rest of the network.

The INFO-HAMS mailing list was originally run from a US Army computer at White Sands Missile Range, SIMTEL20. There were few problems with this arrangement, but one was that the system was not supposed to be used for commercial purposes. Since one of hams' favorite pastimes is swapping gear, it was natural for hams to post messages about equipment for sale to INFO-HAMS/rec.ham-radio. This ran afoul of SIMTEL20's no-commercial-use restriction, and after some argument, a group was created specifically for messages like that: rec.ham-radio.swap. This group wasn't gatewayed to a mailing list, thus avoiding problems.

While all this was happening, other folks wanted to discuss other aspects of the world of radio than the personal communications services. Those folks created the rec.radio.shortwave and rec.radio.noncomm newsgroups, and established the precedent of the rec.radio.* hierarchy, which in turn reflected Usenet's overall trend toward a hierarchical name structure.

The debate between proponents of a no-code ham radio license and its opponents grew fierce and voluminous in late 1989 and 1990. Eventually, both sides grew weary of the debate, and those who had not been involved even more so. A proposal for a newsgroup dedicated to licensing issues failed. A later proposal was made for a group that would cover the many recurring legal issues discussions. During discussion of the latter proposal, it became clear that it would be desirable to fit the ham radio groups under the rec.radio.* hierarchy. A full-blown reorganization was passed by Usenet voters in January 1991, leading to the overall structure we now use.

After the reorganization, more and more regular information postings began to appear, and were spread out across the various groups in rec.radio.*. Taking the successful example of the news.answers group, where informational postings from across the net are sent, the group rec.radio.info was created in December, 1992, with Mark Salyzyn, VE6MGS, initially serving as moderator.

In January, 1993, many users started complaining about the volume in rec.radio.amateur.misc. This led to a discussion about a second

reorganization, which sparked the creation of a mailing list by Ian Kluft, KD6EUI. This list, which was eventually joined by many of the most prolific posters to the ham radio groups, came up with a proposal to add 11 groups to the rec.radio.amateur hierarchy in April 1993. The subsequent vote, held in May and early June, approved the creation of five groups:
rec.radio.amateur.digital.misc (to replace .packet), .equipment, .homebrew, .antenna, and .space.

The Current Groups =====

I can hear you asking, "OK, so this is all neat history, but what does it have to do with me now?" The answer is that the history of each group has a direct bearing on what the group is used for, and what's considered appropriate where.

The easy one is rec.radio.amateur.misc. It is what rec.ham-radio was renamed to during the reorganization. Any message that's not more appropriate in one of the other groups belongs here, from contesting to DX to ragchewing on VHF to information on becoming a ham.

The group rec.radio.amateur.digital.misc is for discussions related to (surprise!) digital amateur radio. This doesn't have to be the common two-meter AX.25 variety of packet radio, either; some of the most knowledgeable folks in radio digital communications can be found here, and anything in the general area is welcome. The name was changed to emphasize this, and to encourage discussion not only of other text-based digital modes, such as AMTOR, RTTY, and Clover, but things like digital voice and video as well. The former group, rec.radio.amateur.packet, should be removed by September 21st, 1993. It is obsolete, and you should use .digital.misc instead (or the appropriate new mailing list, mentioned below). The group has .misc as part of the name to allow further specialization if the users wish it, such as .digital.tcp-ip.

The swap group is now rec.radio.swap. This recognizes a fact that became evident shortly after the original group was formed: Hams don't just swap ham radio gear, and other folks besides hams swap ham equipment. If you have radio equipment, or test gear, or computer stuff that hams would be interested in, here's the place. Equipment wanted postings belong here too. Discussions about the equipment generally don't; if you wish to discuss a particular posting with the buyer, email is a much better way to do it, and the other groups, especially .equipment and .homebrew, are the place for public discussions. There is now a regular posting with information on how to go about buying and selling items in rec.radio.swap; please refer to it before you post there.

The first reorganization added two groups to the list, one of which is rec.radio.amateur.policy. This group was created as a place for all the discussions that seem to drag on interminably about the many rules,

regulations, legalities, and policies that surround amateur radio, both existing and proposed. Recent changes to the Amateur Radio Rules (FCC Part 97) have finally laid to rest the Great Usenet Pizza Autopatch Debate as well as complaints about now-preempted local scanner laws hostile to amateurs, but plenty of discussion about what a bunch of rotten no-goodniks the local frequency coordinating body is, as well as the neverending no-code debate, may still be found here.

The other added group is rec.radio.cb. This is the place for all discussion about the Citizens' Band radio service. Such discussions have been very inflammatory in rec.ham-radio in the past; please do not cross-post to both rec.radio.cb and rec.radio.amateur.* unless the topic is genuinely of interest to both hams and CBers - and very few topics are.

The rec.radio.info group is just what its name implies: it's the place where informational messages from across rec.radio.* may be found, regardless of where else they're posted. As of this writing, information posted to the group includes Cary Oler's daily solar propagation bulletins, ARRL bulletins, the Frequently Asked Questions files for the various groups, and radio modification instructions. This group is moderated, so you cannot post to it directly; if you try, even if your message is crossposted to one of the other groups, your message will be mailed to the moderator, who is currently Mark Salzyn, VE6MGS. The email address for submissions to the group is rec-radio-info@ve6mgs.ampr.ab.ca. Inquiries and other administritivia should be directed to rec-radio-request@ve6mgs.ampr.ab.ca. For more information about rec.radio.info, consult the introduction and posting guidelines that are regularly posted to that newsgroup.

The groups rec.radio.amateur.antenna, .equipment, .homebrew, and .space are for more specialized areas of ham radio: discussions about antennas, commercially-made equipment, homebrewing, and amateur radio space operations. The .equipment group is not the place for buying or selling equipment; that's what rec.radio.swap is for. Similarly, the .space group is specifically about amateur radio in space, such as the OSCAR program and SAREX, the Shuttle Amateur Radio EXperiment; other groups cover other aspects of satellites and space. Homebrewing isn't about making your own alcoholic beverages at home (that's rec.crafts.brewing), but rather construction of radio and electronic equipment by the amateur experimenter.

Except for rec.radio.swap and rec.radio.cb, all of these newsgroups are available by Internet electronic mail in digest format; send a mail message containing "help" on a line by itself to listserv@ucsd.edu for instructions on how to use the mail server.

All of the groups can be posted to by electronic mail, though, by using a gateway at the University of Texas at Austin. To post a message this way, change the name of the group you wish to post to by replacing all of the '.'s with '-'s - for example, rec.radio.swap becomes rec-radio-swap - and send to

that name@cs.utexas.edu (rec-radio-swap@cs.utexas.edu, for example). You may crosspost by including multiple addresses as Cc: entries (but see below). This gateway's continued availability is at the pleasure of the admins at UT-Austin, and is subject to going away at any time - and especially if forgeries and other net.abuses become a problem. You have been warned.

A Few Words on Crossposting

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Please do not crosspost messages to two or more groups unless there is genuine interest in both groups in the topic being discussed, and when you do, please include a header line of the form "Followup-To: group.name" in your article's headers (before the first blank line). This will cause followups to your article to go to the group listed in the Followup-To: line. If you wish to have replies to go to you by email, rather than be posted, use the word "poster" instead of the name of a group. Such a line appears in the headers of this article.

One of the few examples of productive cross-posting is with the rec.radio.info newsgroup. To provide a filtered presentation of information articles, while still maintaining visibility in their home newsgroups, the moderator strongly encourages cross-posting. All information articles should be submitted to the rec.radio.info moderator so that he may simultaneously cross-post your information to the appropriate newsgroups. Most newsreaders will only present the article once, and network bandwidth is conserved since only one article is propagated. If you make regular informational postings, and have made arrangements with the moderator to post directly to the group, please cross-post as appropriate.

--

Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
jmaynard@oac.hsc.uth.tmc.edu | adequately be explained by stupidity.

"If my car ran OS/2, it'd be there by now" -- bumper sticker

GCS d++ p+ c++ l+ m+/- s/++ g++ w++ t+ r

--

73, Paul W. Schleck, KD3FU

pschleck@unomaha.edu

Celebrating 60 years of the Univ. of Maryland ARA - W3EAX (1933-1993)

Date: 15 Nov 93 18:43:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: ORBS\$316.2L.AMSAT
To: info-hams@ucsd.edu

SB KEPS @ AMSAT \$ORBS-316.N
2Line Orbital Elements 316.AMSAT

HR AMSAT ORBITAL ELEMENTS FOR AMATEUR SATELLITES IN NASA FORMAT
FROM WA5QGD FORT WORTH,TX November 12, 1993
BID: \$ORBS-316.N

DECODE 2-LINE ELSETS WITH THE FOLLOWING KEY:

1 AAAAAU 00 0 0 BBBB.BBBBBBBB .CCCCCCC 00000-0 00000-0 0 DDDZ
2 AAAAA EEE.EEEE FFF.FFFF GGGGGG HHH.HHHH III.IIII JJ.JJJJJJJKKKKKZ
KEY: A-CATALOGNUM B-EPOCHTIME C-DECAY D-ELSETNUM E-INCLINATION F-RAAN
G-ECCENTRICITY H-ARGPERIGEE I-MNANOM J-MNMOTION K-ORBITNUM Z-CHECKSUM

TO ALL RADIO AMATEURS BT

AO-10

1 14129U 83058B 93304.58449144 -.00000081 00000-0 10000-3 0 2086
2 14129 27.1748 358.4423 6020940 126.4893 305.1053 2.05881853 78069

UO-11

1 14781U 84021B 93313.58249069 .00000229 00000-0 42927-4 0 6110
2 14781 97.7981 333.4777 0010810 254.3694 105.6328 14.69080500518069

RS-10/11

1 18129U 87054A 93314.04939054 .00000017 00000-0 11670-4 0 8119
2 18129 82.9214 130.8225 0010360 275.4234 84.5738 13.72325356319844

AO-13

1 19216U 88051B 93313.91272759 -.00000211 00000-0 10000-4 0 8126
2 19216 57.8912 284.9332 7213964 328.0558 3.5561 2.09724845 41418

FO-20

1 20480U 90013C 93310.07362541 -.00000005 00000-0 14874-4 0 6071
2 20480 99.0217 139.2984 0541030 125.0547 240.2545 12.83221816175512

AO-21

1 21087U 91006A 93314.29055835 .00000084 00000-0 82657-4 0 3674
2 21087 82.9398 304.7020 0035176 337.0887 22.8703 13.74528243139502

RS-12/13

1 21089U 91007A 93313.61484132 .00000056 00000-0 53208-4 0 6119
2 21089 82.9251 174.2800 0030580 1.6907 358.4344 13.74029689138495

ARSENE

1 22654U 93031B 93312.79592387 -.00000046 00000-0 10000-3 0 2081
2 22654 1.4077 114.0599 2932748 160.6003 214.5238 1.42203069 2633

UO-14

1 20437U 90005B 93314.26240544 .00000128 00000-0 57654-4 0 9113
2 20437 98.6068 36.8706 0011455 111.4215 248.8190 14.29802927198303

AO-16

1 20439U 90005D 93314.25650448 .00000093 00000-0 43829-4 0 7110
2 20439 98.6135 37.8762 0011873 112.5374 247.7066 14.29859897198314

DO-17

1 20440U 90005E 93314.72182474 .00000108 00000-0 49637-4 0 7113

2	20440	98.6156	38.5937	0011919	110.1078	250.1390	14.29997154198392	
W0-18								
1	20441U	90005F	93314.27363549	.00000092	00000-0	43527-4 0	7123	
2	20441	98.6152	38.1661	0012426	111.7995	248.4510	14.29974899198337	
L0-19								
1	20442U	90005G	93314.26623889	.00000107	00000-0	48991-4 0	7115	
2	20442	98.6160	38.3657	0012902	111.6029	248.6529	14.30067157198345	
U0-22								
1	21575U	91050B	93313.78644466	.00000117	00000-0	46604-4 0	4111	
2	21575	98.4598	27.4629	0006935	224.2634	135.7989	14.36863544121573	
K0-23								
1	22077U	92052B	93314.21490842	.00000000	00000-0	10000-3 0	3084	
2	22077	66.0804	18.4482	0004639	338.0608	22.0210	12.86281812	58628
A0-27								
1	22825U	93061C	93305.38322237	.00000057	00000-0	31218-4 0	2082	
2	22825	98.6783	18.2116	0008754	149.2634	210.9045	14.27587035	5170
I0-26								
1	22826U	93061D	93305.66096033	.00000076	00000-0	39017-4 0	2093	
2	22826	98.6791	18.4934	0009019	149.5441	210.6266	14.27689613	5227
K0-25								
1	22830U	93061H	93314.69145093	.00000111	00000-0	52532-4 0	2112	
2	22830	98.5800	27.0255	0012337	94.9544	265.3046	14.28015541	6518
NOAA-9								
1	15427U	84123A	93300.72651427	.00000099	00000-0	62608-4 0	6087	
2	15427	99.0865	343.0970	0014906	151.8994	208.2999	14.13555759457494	
NOAA-10								
1	16969U	86073A	93308.02577200	.00000107	00000-0	53892-4 0	5086	
2	16969	98.5151	318.8770	0012448	270.5362	89.4395	14.24841200370532	
MET-2/17								
1	18820U	88005A	93313.86326152	.00000060	00000-0	48384-4 0	2105	
2	18820	82.5401	83.0499	0017920	77.7053	282.6113	13.84696783292003	
MET-3/2								
1	19336U	88064A	93313.98312645	.00000043	00000-0	10000-3 0	2102	
2	19336	82.5385	118.8020	0017396	88.4059	271.9055	13.16962219254409	
NOAA-11								
1	19531U	88089A	93307.95823027	.00000139	00000-0	84844-4 0	4080	
2	19531	99.1482	286.6377	0012789	46.5585	313.6658	14.12928630263406	
MET-2/18								
1	19851U	89018A	93314.44174536	.00000042	00000-0	31952-4 0	2111	
2	19851	82.5186	318.3186	0015511	116.9458	243.3286	13.84348503237428	
MET-3/3								
1	20305U	89086A	93313.78275180	.00000043	00000-0	10000-3 0	9124	
2	20305	82.5475	62.1477	0016698	110.3082	249.9836	13.16023732194255	
MET-2/19								
1	20670U	90057A	93314.71352062	.00000015	00000-0	79036-5 0	7110	
2	20670	82.5501	22.0091	0017060	42.7604	317.4880	13.84180249170390	
FY-1/2								
1	20788U	90081A	93314.27490495	.000000352	00000-0	25587-3 0	8161	

2 20788 98.8528 336.2622 0014224 264.8255 95.1288 14.01329924163048
 MET-2/20
 1 20826U 90086A 93314.40511387 .000000040 00000-0 31266-4 0 7107
 2 20826 82.5262 320.0564 0012856 307.6374 52.3617 13.83563412157505
 MET-3/4
 1 21232U 91030A 93311.55017164 .000000043 00000-0 10000-3 0 6133
 2 21232 82.5434 326.2919 0013431 27.8915 332.2926 13.16456437122196
 NOAA-12
 1 21263U 91032A 93308.09045315 .000000189 00000-0 93717-4 0 8155
 2 21263 98.6458 335.5750 0012543 165.4607 194.6943 14.22328054128523
 MET-3/5
 1 21655U 91056A 93313.85451209 .000000043 00000-0 10000-3 0 6115
 2 21655 82.5506 271.6301 0014550 26.1377 334.0477 13.16825241107591
 MET-2/21
 1 22782U 93055A 93314.66191362 .000000093 00000-0 79632-4 0 2106
 2 22782 82.5507 19.6100 0023265 115.4347 244.9226 13.82991020 9889
 MIR
 1 16609U 86017A 93314.97077396 .00004226 00000-0 55300-4 0 5720
 2 16609 51.6183 202.0455 0005693 23.2148 336.9078 15.59529397 30542
 HUBBLE
 1 20580U 90037B 93307.41913862 .000000906 00000-0 78090-4 0 3593
 2 20580 28.4692 246.8298 0004679 70.9135 289.1966 14.92902547192330
 GRO
 1 21225U 91027B 93314.39830284 .00016953 00000-0 18182-3 0 2202
 2 21225 28.4634 313.5049 0075239 9.9355 350.2723 15.58504747 23130
 UARS
 1 21701U 91063B 93309.31219655 -.00002650 00000-0 -22264-3 0 4119
 2 21701 56.9841 336.0504 0005602 88.9850 271.1633 14.96217444117417
 POSAT
 1 22829U 93 61 G 93289.11726978 .000000072 00000-0 37231-4 0 2042
 2 22829 98.6763 2.0610 0010043 184.4594 175.6498 14.27975951 2862
 /EX

Date: 15 Nov 93 19:15:32 GMT
 From: yuma!galen@purdue.edu
 Subject: RS FREQ COUNTER HOLD MOD!!!!!!!!!!
 To: info-hams@ucsd.edu

How to add a hold function to the Radio Shack RF Frequency Counter:

Ground TP 17. In the schematic, TP17 is pin one of U3, connected to +5V thru a 47k resistor. On the circuit board, TP17 is on the display side, just right of the lower-right corner of the IC. Grounds are about 1/4 inch below and to the right, the three non-tinned points in the large area of metal. TP17 is the tinned pad next to a SM resistor marked '473' for 47k.

and most every day since Oct 28.

-- isn't 10/28 over yet?

> Subject: SAREX Keps & Update 10/28
> Date: Wed, 03 Nov 93 01:09:40 UTC
> Date: Tue, 02 Nov 93 21:42:59 UTC
> Date: Tue, 02 Nov 93 20:47:48 UTC
> Date: Tue, 02 Nov 93 19:58:49 UTC
> Date: Tue, 02 Nov 93 18:44:09 UTC
> Date: Tue, 02 Nov 93 17:44:47 UTC
> Date: Tue, 02 Nov 93 15:44:50 UTC
> Date: Tue, 02 Nov 93 14:44:51 UTC
> Date: Tue, 02 Nov 93 13:44:50 UTC
> Date: Tue, 02 Nov 93 12:43:53 UTC
> Date: Wed, 03 Nov 93 02:01:50 UTC
> Date: Wed, 03 Nov 93 01:09:40 UTC
> Date: Tue, 02 Nov 93 21:42:59 UTC
> Date: Tue, 02 Nov 93 20:47:48 UTC
> Date: Tue, 02 Nov 93 19:58:49 UTC
> Date: Tue, 02 Nov 93 18:44:09 UTC
> Date: Tue, 02 Nov 93 17:44:47 UTC
> Date: Tue, 02 Nov 93 15:44:50 UTC
> Date: Tue, 02 Nov 93 14:44:51 UTC
> Date: Tue, 02 Nov 93 13:44:50 UTC
> Date: Tue, 02 Nov 93 12:43:53 UTC
> Date: Thu, 04 Nov 93 05:01:32 UTC
> Date: Thu, 04 Nov 93 03:44:57 UTC
> Date: Thu, 04 Nov 93 02:44:45 UTC
> Date: Thu, 04 Nov 93 01:44:47 UTC
> Date: Thu, 04 Nov 93 00:45:06 UTC
> Date: Thu, 04 Nov 93 00:15:11 UTC
> Date: Wed, 03 Nov 93 22:46:25 UTC
> Date: Wed, 03 Nov 93 21:44:35 UTC
> Subject: SAREX Keps & Update 10/28

... and ON and ON :-(

Can the sender please unstick his sending key?

Paul Marsh N0ZAU Omaha

Date: 15 Nov 93 15:41:24 GMT
From: ogicse!emory!europa.eng.gtefsd.com!howland.reston.ans.net!cs.utexas.edu!
convex!horak@network.ucsd.edu

Subject: Telescoping antenna on HT
To: info-hams@ucsd.edu

In <1993Nov13.145441.7093@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>In article <2bu1v5\$cf1@news.bu.edu> david@med-buspheb.bu.edu writes:
>>

>>Can I expect better results with a collapsed antenna vs a rubber duck?

Probably not.

>HTs are designed to work into horrible SWRs because they don't have
>a groundplane, your hand is it, and the ducky is a poor antenna as
>well. Still, a collapsed rod antenna isn't going to be very efficient.
>It won't hurt the radio to use the rod antenna collapsed, but it won't
>help your signal.

Gary speaks the truth. The collapsed telescoping antenna won't be any worse than a duck. By the way, I'm extremely happy with my AEA Hotrod antenna on my HT.

David

Date: 15 Nov 93 20:47:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: The firestorm
To: info-hams@ucsd.edu

Well, the last pair of messages on the unstoppable STS-58 flight messages forced me to laugh aloud. Not so much their content, but the fact that we seem to have built a structure here (Internet/mail-lists/Packet/Gateways) that has taken on a life of its own.

First of all, let's not take this T00 seriously. Yes, it is a problem, but I am "forced" to waste about 1 minute of time each day, looking at the subject lines and deleting those messages right away.

Secondly, it seems to me that some sort of original message ID should be available that could be archived at a mail list site. This list of previously-posted messages could be used to prevent multiple broadcasts (e.g., the STS-58 Keps 10/28) without restricting posting access to a few individuals. If we are going to modify the software, why not in this way rather than locking up the gate?

All in all, this sort of behavior is VERY instructive and should be

discussed in the meeting forums of the Packet BBS, list-server and Gateway folks. Let's not waste the opportunity to make the overall system better in the future through analysis of what has happened (and is happening!) here.

--Paul Beckmann
AMSAT member
WA0RSE

P.S. What is a 'bogon', Tom?

Date: 15 Nov 93 19:57:21 GMT
From: organpipe.uug.arizona.edu!helium!hlester@uunet.uu.net
To: info-hams@ucsd.edu

References <2bp64b\$kuq@organpipe.uug.arizona.edu>,
<1993Nov10.053243.23523@osuunx.ucc.okstate.edu>, <CGAArI.Ct8@cbnewsm.cb.att.com>
Subject : Re: 80m on 20m dipole

In article <CGAArI.Ct8@cbnewsm.cb.att.com>,
jeffrey.n.jones <jeffj@cbnewsm.cb.att.com> wrote:
>In article <1993Nov10.053243.23523@osuunx.ucc.okstate.edu>
gcouger@olesun.okstate.edu (Gordon Couger) writes:
>>>>loss it is likely to put RF in the shack. The only way to fix this is
>>>This has not been my experience. I say the benefits of open wire/ladder line
>>>far outweighs its disadvantages. There seems to be a lot of fear about this
>>>stuff.
>
>Or what you could do is use coax from your rig to the outside of your shack
>and then use a 1:1 current balun to interface the coax to the ladder line.
>
Jeff, I tried one of these current baluns from Radio Works - they call it the Remote Balun - and it got quite hot from my 100 watts (the balun is rated 1.5 KW). The idea was to replace the puny voltage balun in my MFJ-948 tuner, as it couldn't handle severe mismatches. The result was a steadily climbing SWR. The Radio Works balun did no better. The solution? I replaced the MFJ balun with one I made myself with two glued-together Amidon ferrite cores: FT-140-61, and wound #18 thermaleze wire in the same configuration as that on the MFJ core.

Howard hlester@as.arizona.edu

Date: 15 Nov 93 14:41:08 GMT
From: das.wang.com!wang!jcole@uunet.uu.net
To: info-hams@ucsd.edu

References <1993Nov5.231254.15145@es.dupont.com>, <2bqons\$4t7@ds9.sim.es.com>,
<2c0c4v\$gbc@wrdis02.robins.af.mil>
Subject : Re: Fun with Radio Shack

sberman@robins.af.mil (CONTRACTOR Steven G. Berman;WR-ALC/LKS) writes:

>... What I did was wait
>until I had a purchase over \$3.00 (almost every time I walk in the
>store), and then get the catalog FREE with the coupon. That's the
>intent. They're just trying to save a few bucks by not giving out the
>catalog to people who don't buy ANYTHING.

I picked up my catalog yesterday -- while there to buy something I saw on sale (never pay list at the 'Shack -- it almost always ends up on sale if you are patient!) and used the coupon, too. Also got the 'free' flashlight (yeah, they nicked me for the batteries -- but quantity discount of 10% applied, since there were five cells!) and a part for a project I am working on. They didn't charge me for the catalog.

>Now, I guess, for those hams out there who just like to have the shack
>catalog to compare against or to say "yeah, there's a neat little
>toy," you now have to BUY SOMETHING to get it. If you're not
>interested in "shopping" at R/S, then why do you need the catalog?
>-- Steve , KD4YLB ... -

Agree with you, Steve. But those who complain about the charge for the catalog are the same types that look offended when you offer a reasonable price for something they are hoping to sell at a major killing at the next hamfest! It takes all kinds...

73, John WA8ZPF

End of Info-Hams Digest V93 #1352

